



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/756,481D

TIME: 14:07:09

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF4\01072003\I756481D.raw

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3 <110> APPLICANT: MARCHIONNI, MARK
         JARPE, MICHAEL
         EBENDAL, TED
 7 <120> TITLE OF INVENTION: METHODS FOR TREATING NEUROLOGICAL INJURIES AND
         DISORDERS
10 <130> FILE REFERENCE: 47506(47843)
12 <140> CURRENT APPLICATION NUMBER: 09/756,481D
13 <141> CURRENT FILING DATE: 2001-01-08
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/15106
16 <151> PRIOR FILING DATE: 1999-07-02
18 <150> PRIOR APPLICATION NUMBER: 60/091,791
19 <151> PRIOR FILING DATE: 1998-07-06
21 <160> NUMBER OF SEQ ID NOS: 4
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEO ID NO: 1
26 <211> LENGTH: 1387
27 <212> TYPE: DNA
28 <213> ORGANISM: Mus sp.
30 <220> FEATURE:
31 <221> NAME/KEY: CDS
32 <222> LOCATION: (218)..(1288)
34 <400> SEQUENCE: 1
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39 ccaggacete aaageaceee egacetaagg teaceageee actggeeeea gaegeagtgg 180 .
41 gctccgctga ctctcttgga cacctcctgg gaggaaa atg ctc cct gtc tgc cat
42
                                            Met Leu Pro Val Cys His
43
                                                                      283
45 cgt ttt tgc gac cac ctc ctc ctc ctg ctc ttg ctg ccc tcg acg acc
46 Arg Phe Cys Asp His Leu Leu Leu Leu Leu Leu Pro Ser Thr Thr
49 ctg gcc ccc gcg cca gca tcc atg ggc ccc gct gcc gcc ctg ctc cag
                                                                      331
50 Leu Ala Pro Ala Pro Ala Ser Met Gly Pro Ala Ala Ala Leu Leu Gln
            25
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53 gtt ctt ggg ctt ccc gaa gcg ccc cgg agc gtc ccc aca cac cga cct
54 Val Leu Gly Leu Pro Glu Ala Pro Arg Ser Val Pro Thr His Arg Pro
                            45
57 gtg cct cct gtc atg tgg cgc cta ttc cgt cgc cgt gac ccc cag gag
58 Val Pro Pro Val Met Trp Arg Leu Phe Arg Arg Arg Asp Pro Gln Glu
59 55
                        60
                                            65
61 gcc aga gtg gga cgc cct ctg cgg cca tgc cac gtg gag gaa cta ggg
                                                                      475
62 Ala Arg Val Gly Arg Pro Leu Arg Pro Cys His Val Glu Glu Leu Gly
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6	66	_	_					_				_	_	ggt Gly	Leu			523
7	70			Ala	caa				Thr	tcg				ccc				571
7	7 4							Asn					Glu	115 cgc Arg				619
7	78		cgc			_		_		_		_	_	gat Asp				667
8	31	tgg					gca					gca		cat His			cct	715
8	35					gtg					ggg			ctg Leu		gca		763
9	39				act					aac				ccc Pro 195	tgt			811
ç	93			gcg					cct					gcc Ala				859
9	97 98		gct										gac	cca Pro				907
1		Pro					Arg					Pro					ggt Gly	955
1		Pro				Cys	_		_		, Lei			_		Arg	gag Glu	1003
1		Val			g cac His	cgt				Ala					Leu		aac Asn	1051
1		Phe		Glr					Leu					ı Arg			ggc Gly	1099
1	118	ggg Gly 295	Pro	cct Pro	gca Ala	ctc Leu	aac Asn 300	His	gct Ala	gtg Val	cto Leu	g cgc Arg 305	, Ala	ctc Leu	atg Met	cac His	gca Ala 310	1147
1	121	gct Ala	gct				Gly					Cys		gtg Val			cgt Arg	1195
1 1	L25	cta Leu				Ser					Asp			gac Asp		Val	gtc Val	1243
			cga	cac			gac	atg	gtg			gag	ı tgt	ggc				1288

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130 131	Leu	Arg	His 345	Tyr	Glu	Asp	Met	Val 350	Val	Asp	Glu	Cys	Gly 355	Cys	Ārg		
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	<212																
141	<213	3> OF	RGAN	ISM:	Mus	sp.											
	<400					•											
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145	1				5		_		-	10					15		
147	Leu	Leu	Pro	Ser	Thr	Thr	Leu	Ala	Pro	Ala	Pro	Ala	Ser	Met	Gly	Pro	
148				20					25					30			
150	Ala	Ala	Ala	Leu	Leu	Gln	Val	Leu	Gly	Leu	Pro	Glu	Ala	Pro	Arg	Ser	
151			35					40					45				
153	Val	Pro	Thr	His	Arg	Pro	Val	Pro	Pro	Val	Met	Trp	Arg	Leu	Phe	Arg	
154		50					55					60					
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157						70					75					80	
159	His	Val	Glu	Glu	Leu	Gly	Val	Ala	Gly	Asn	Ile	Val	Arg	His	Ile	Pro	
160					85					90					95		
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163				100					105					110			
165	Leu	Cys	Pro	Glu	Trp	Thr	Val		Phe	Asp	Leu	Ser		Val	Glu	Pro	
166			115					120					125			_	
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169		130					135		_	_		140	_	_		_	
	Cys	Glu	Asp	Thr	Gly	_	Trp	GLu	Leu	Ser		Ala	Leu	Trp	Ala		
	145	~ 1		_	~ 1	150	6.1	_	-	-	155	-	7. 7			160	
	Ala	Glu	HIS	Pro		Pro	GLu	Leu	Leu		val	Pro	Ата	Pro		GTÀ	
175	17_ 1	T	T	7	165	7	T	T	C3	170	71 -	17-7	חות	71.	175	7.1	
	Val	Leu	ьeu	_	Ата	Asp	ьeu	Leu	-	Thr	Ата	vai	Ala		ASII	Ald	
178	C	17 I	D	180	mb	17a l	7\	τ	185	Т ол	Com	T 011	ui a	190	C1	7.1.	
	Ser	vaı		Суѕ	1111	val	Arg	200	Ата	ьeu	ser	ьeu	205	FIO	СТУ	Ala	
181	Thr	7.1.	195	Cvc	C1.,	7/ ~~	T OIL		Clu	ת ו ת	Sar	T 011		LOU	V-1	Thr	
184	TIIT	210	нта	Cys	GTÀ	Ary	215	ніа	GIU	мта	Ser	220	пеа	neu	vai	1111	
	Leu		Dro	Λrα	Tou	Cvc		Lou	Dro	λκα	LOU		Δνα	ніс	Thr	Glu	
	225	Asp	FIO	Ary	neu	230	FIO	пеп	LIO	ALY	235	Arg	Arg	1113	1111	240	
	Pro	Ara	Val	Glu	Vəl		Pro	V = 1	Glv	Thr		Δra	Thr	Ara	Δra		
190	FIO	ALY	vaı	Giu	245	СТУ	FIO	vaı	С ту	250	Суз	Arg	1111	Arg	255	пса	
	His	Val	Sor	Dha		Glu	V = 1	G1 v	Trn		Δrα	Trn	Val	Tlo		Pro	
193		val	261	260	nr 9	GIU	vaı	GIY	265	1113	Ar y	110	v a 1	270	AT CI		
	Arg	Gly	Phe		Δls	Aen	Phe	Cve		Glv	Thr	Cve	בוב		Pro	Glu	
196	_	GTÄ	275	ьeu	лта	LOII	r 116	280	O T 11	Сту	1111	Cys	285	cu	110	514	
	Thr	T.e.i		Glv	Pro	Glv	Glv		Pro	Ala	Len	Asn		Ala	Val	Len	
199		290	1119	O L y	110	O L y	295	110	110	u	200	300					
	Arg		Len	Met	His	Ala		Ala	Pro	Thr	Pro		Ala	Glv	Ser	Pro	
	305		200			310					315	1		1		320	
202	233																

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229 Asn Met Val Val Glu Glu Cys Gly Cys

230

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VERIFICATION SUMMARY

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